

FIG. 1(A)

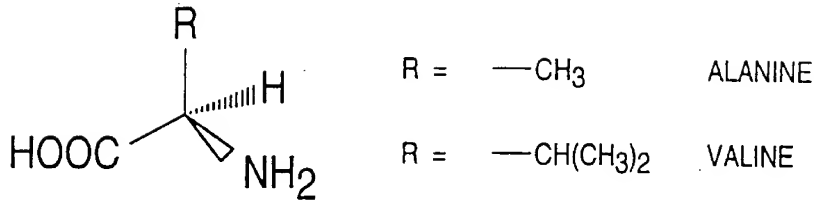
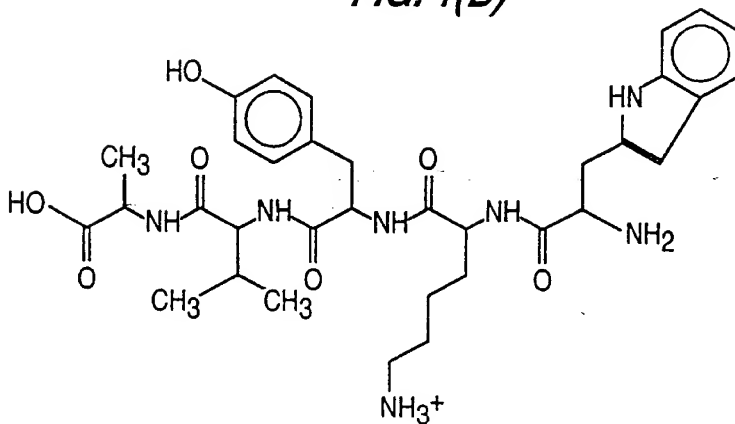


FIG. 1(B)



OOC-ALANINE-VALINE-TYROSINE-LYSINE-TRYPTOPHAN-NH₃⁺

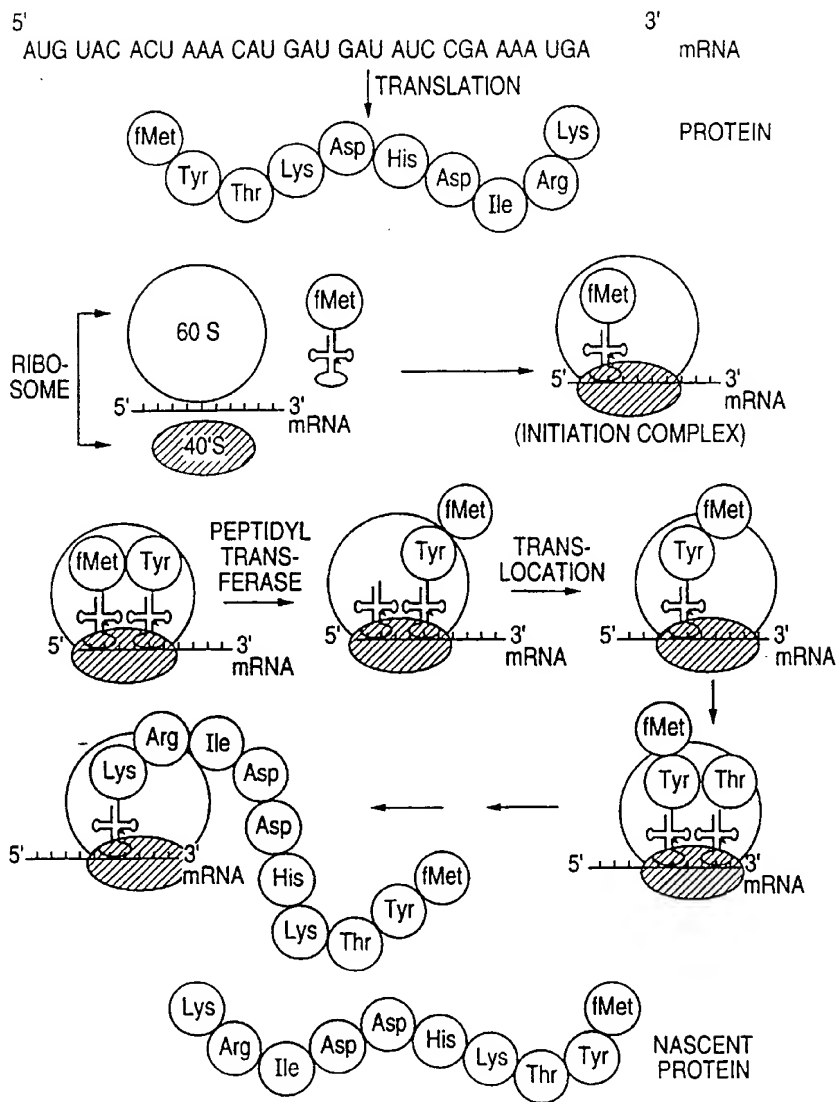
[illegible]

FIG. 3(A)

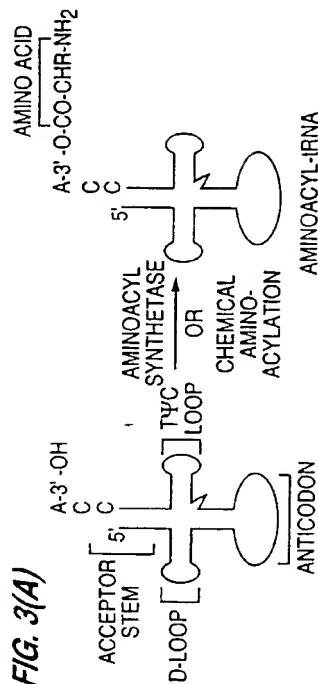


FIG. 3(B)

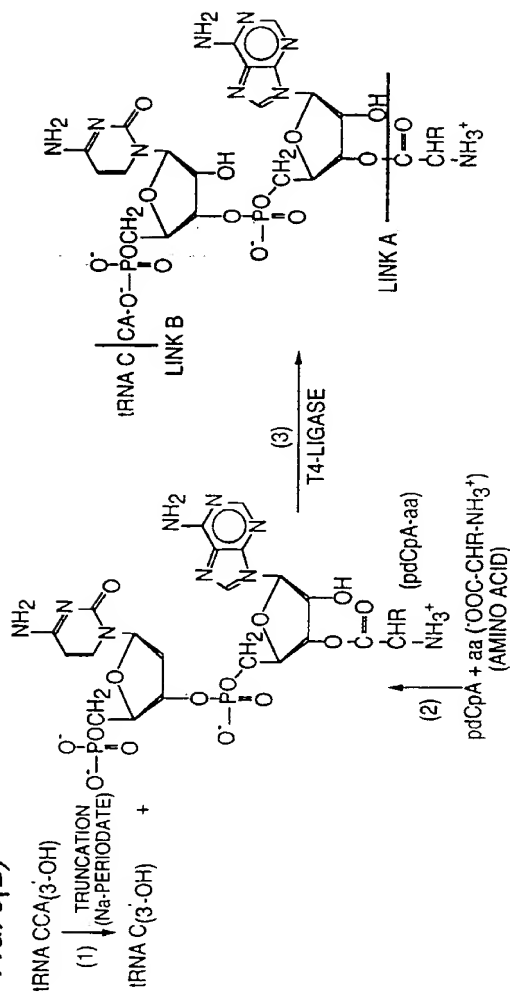
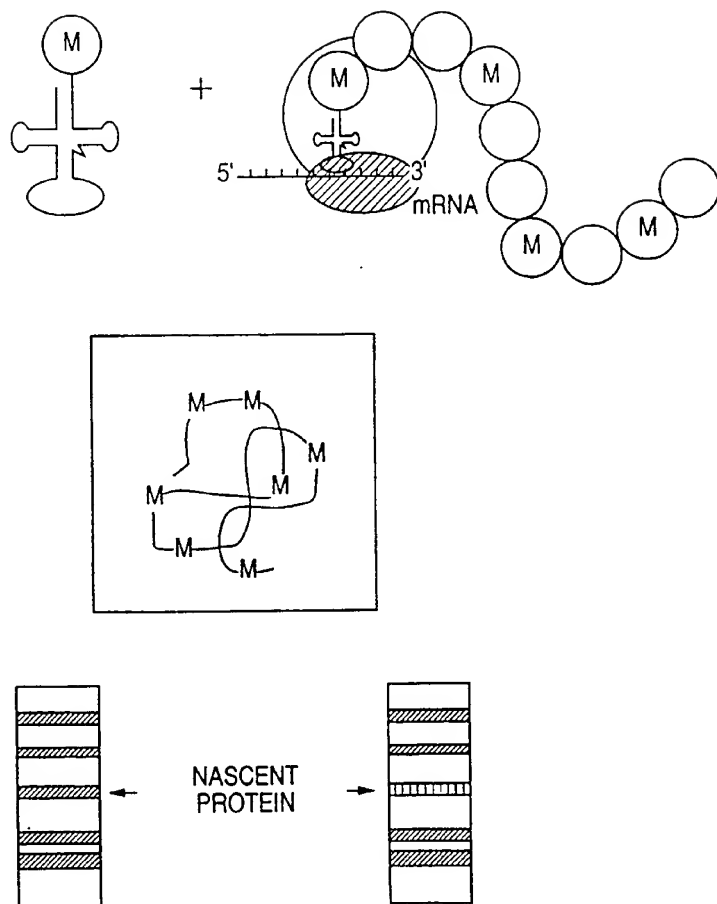


FIG. 4



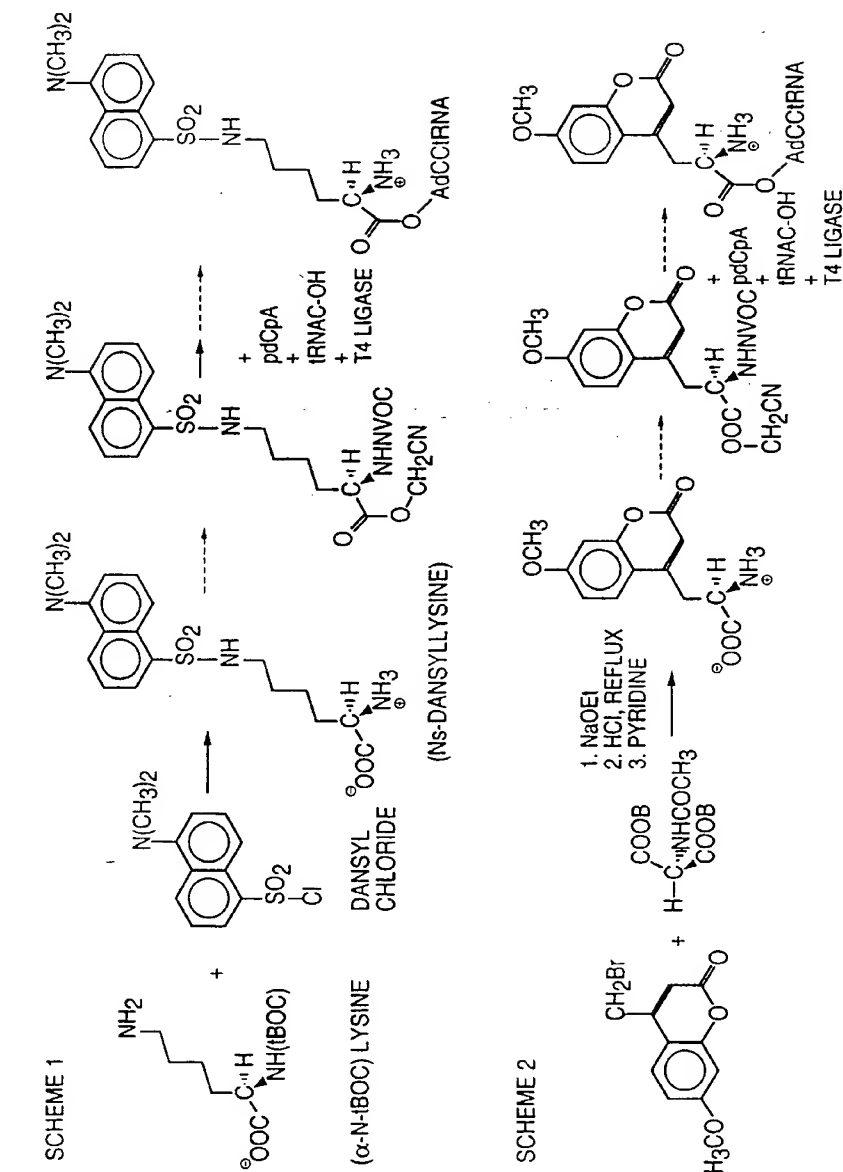


FIG. 5

FIG. 6(A)

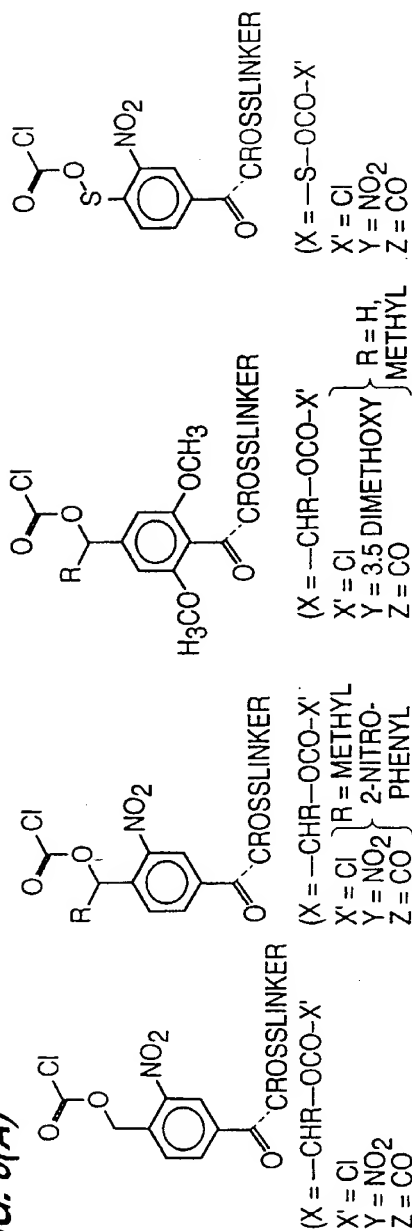
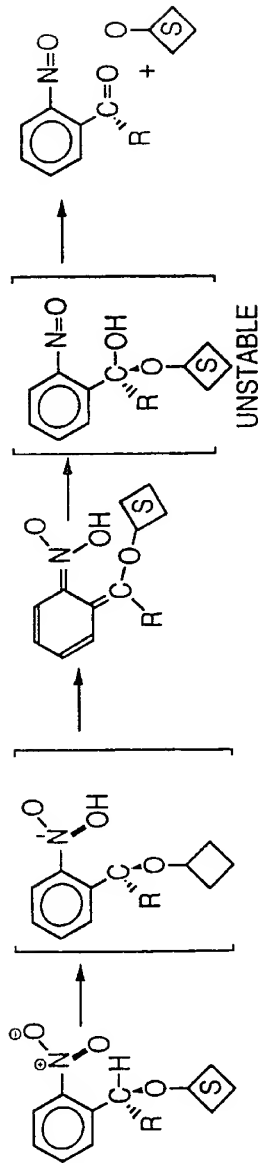


FIG. 6(B)



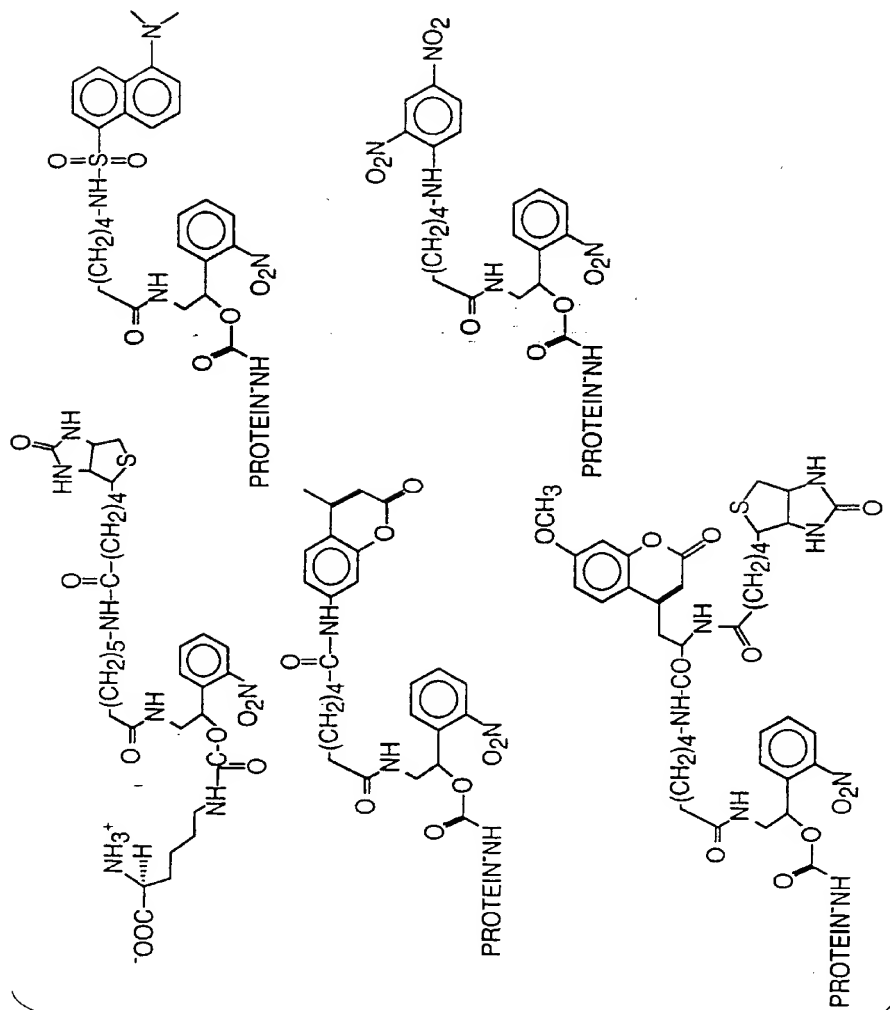


FIG. 7

FIG. 8(A)

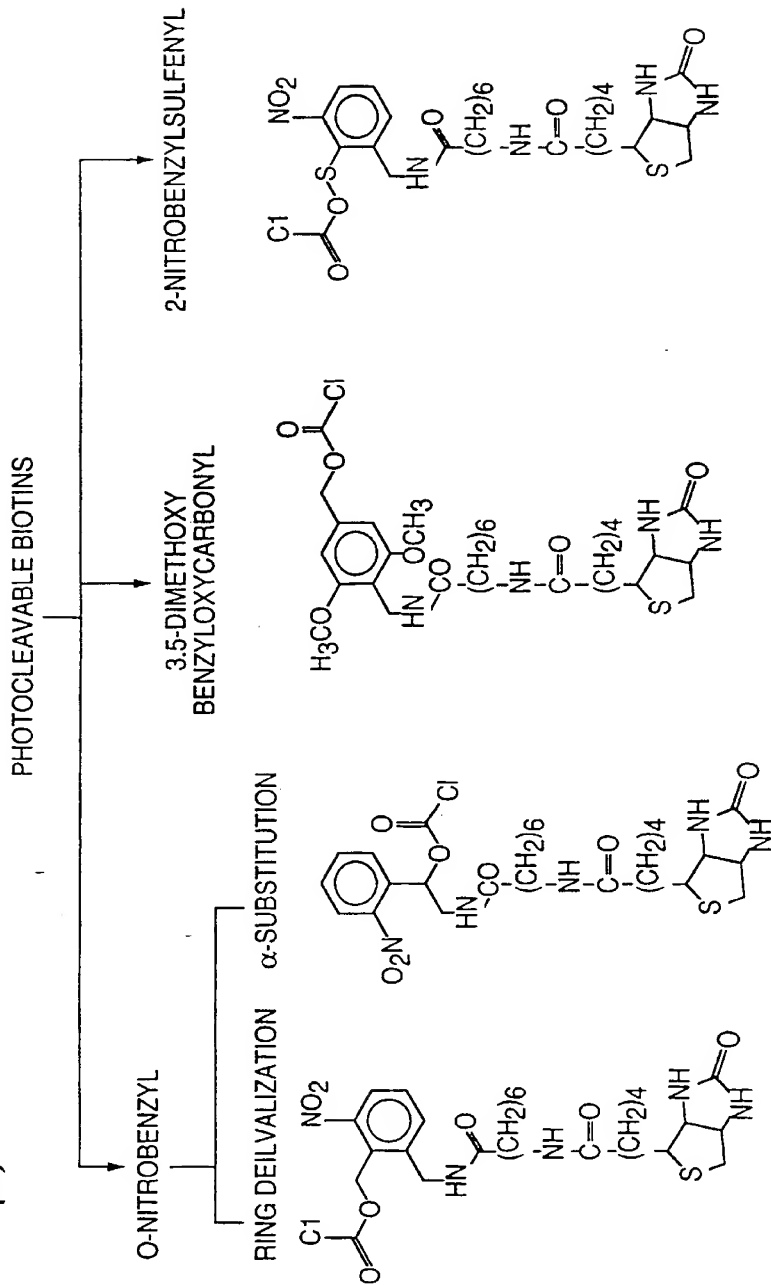


FIG. 8(B)

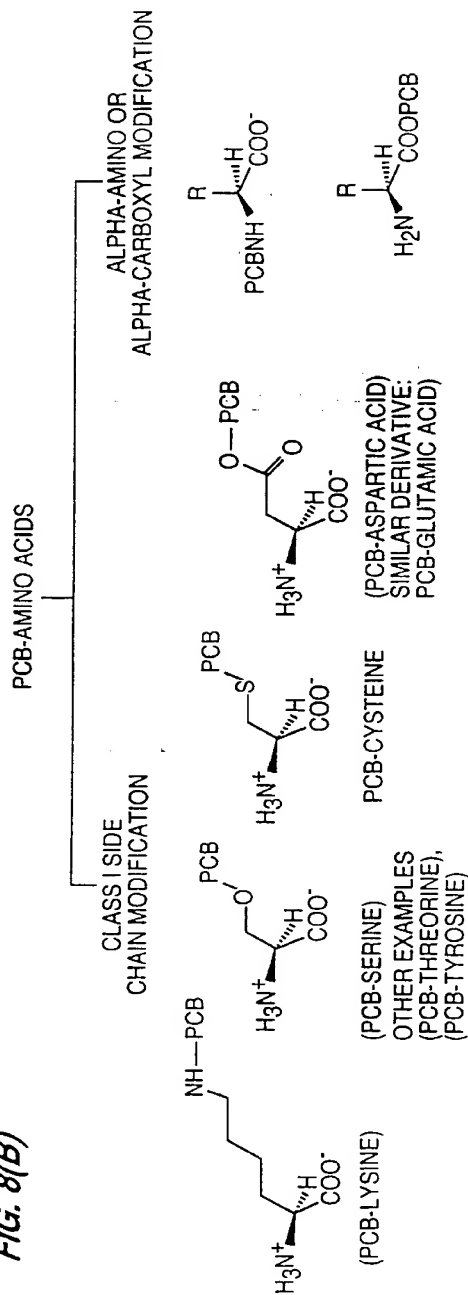
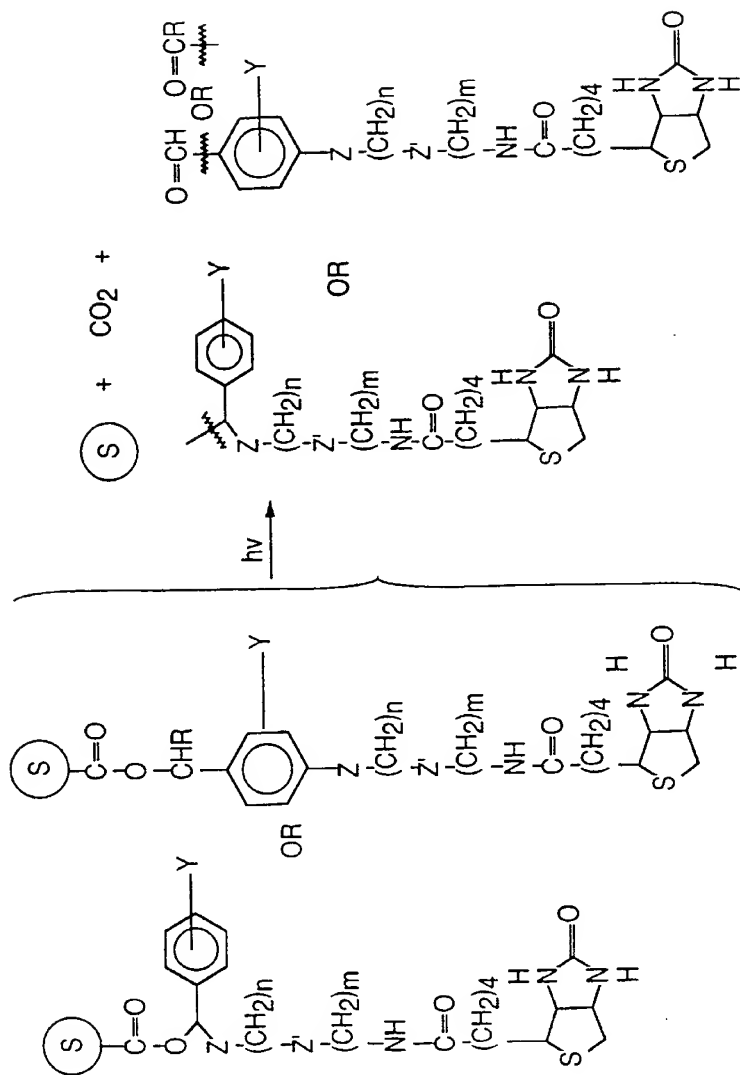


FIG. 9



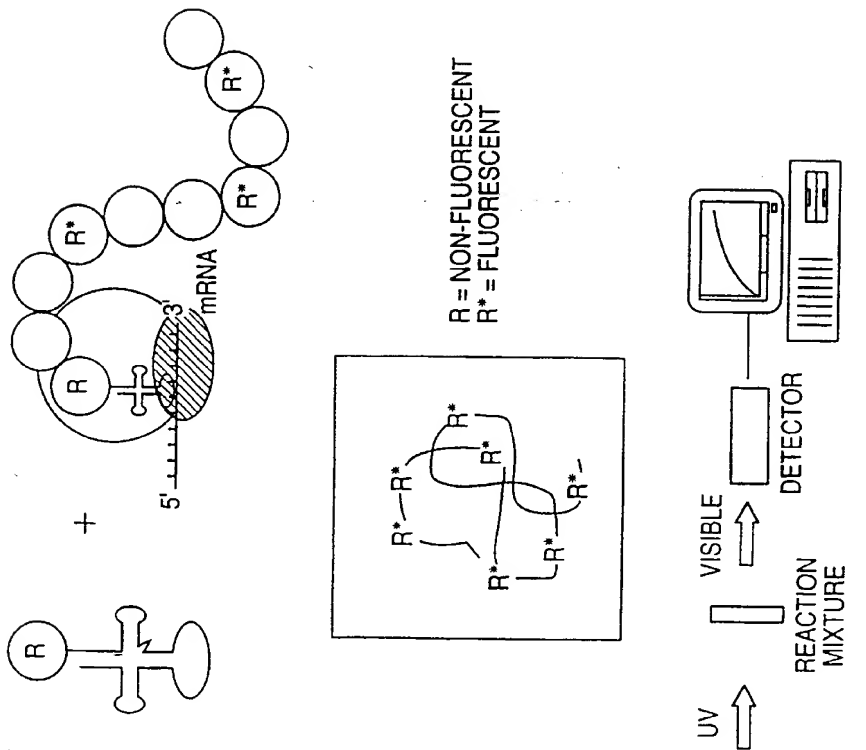


FIG. 10

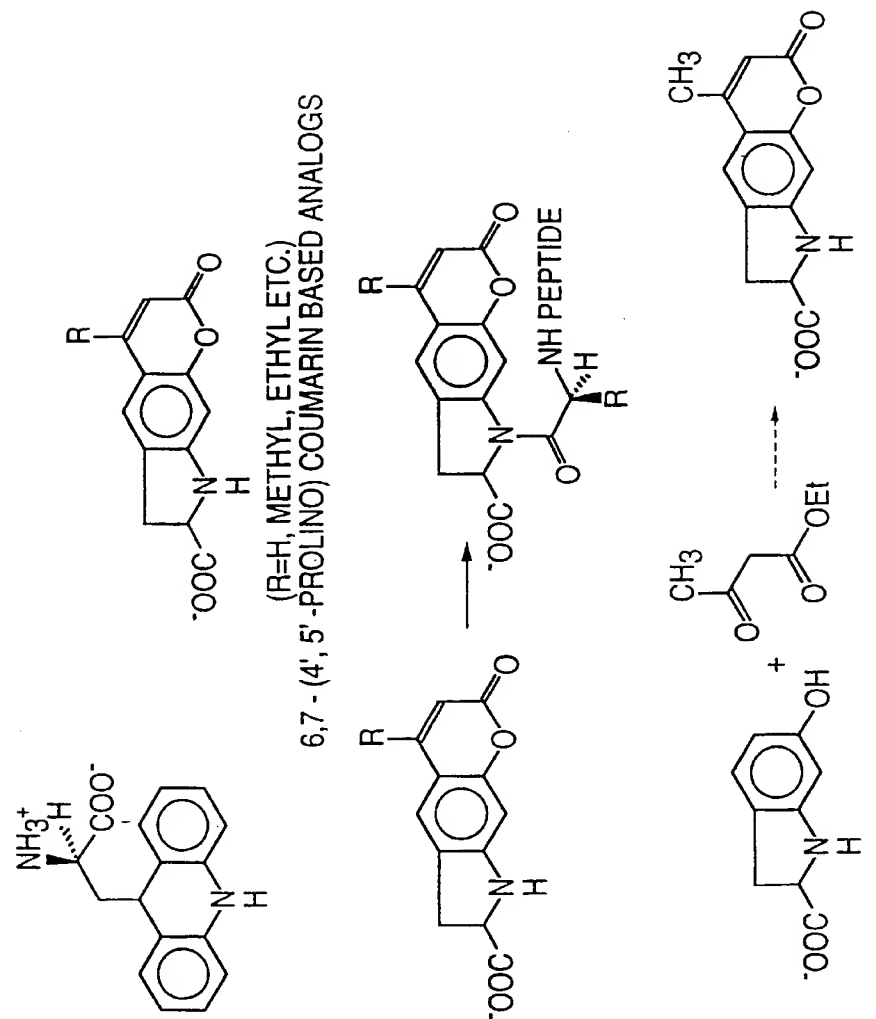
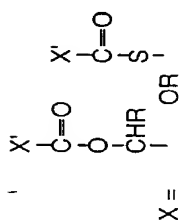


FIG. 12



$X' = Cl, O-NHYDROXYSUCCINIMIDYL, O-CH_2CN, OPhF_5, OPhCl_5, N_3$ ETC. (REACTIVE DERIVATIVE)

$R = H, ALKYL, SUBSTITUTED ALKYL, ARYL, SUBSTITUTED ARYL$

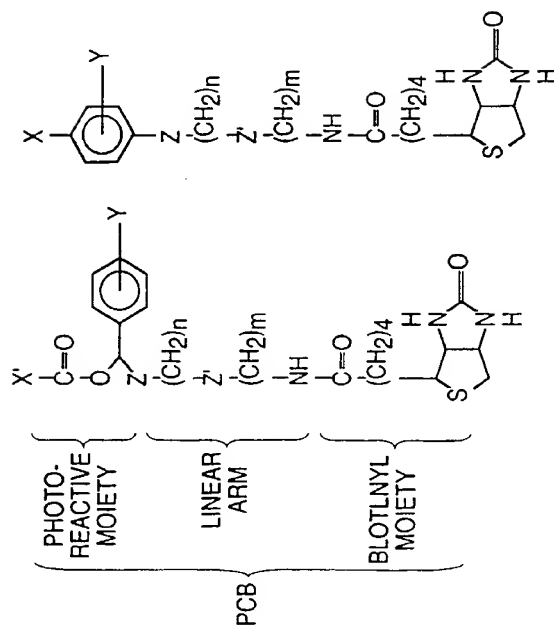
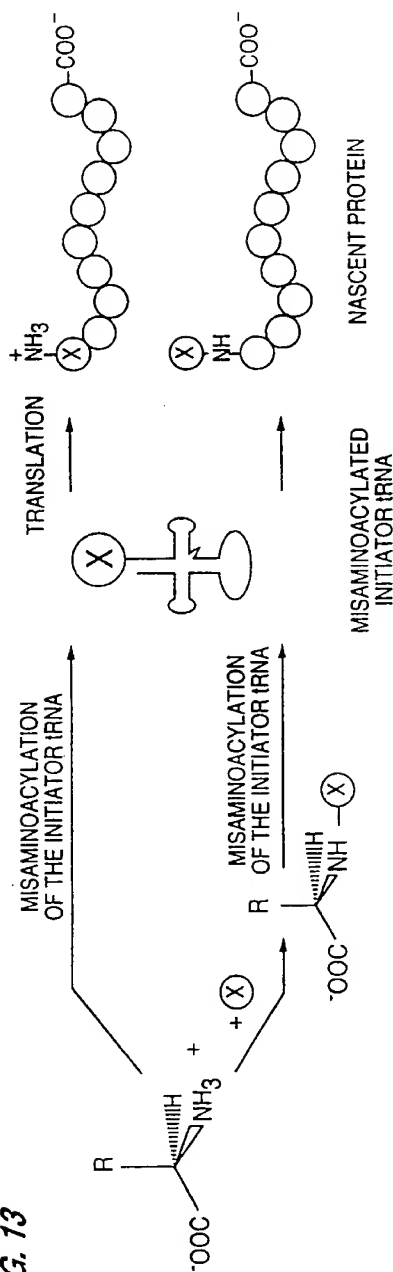


FIG. 13



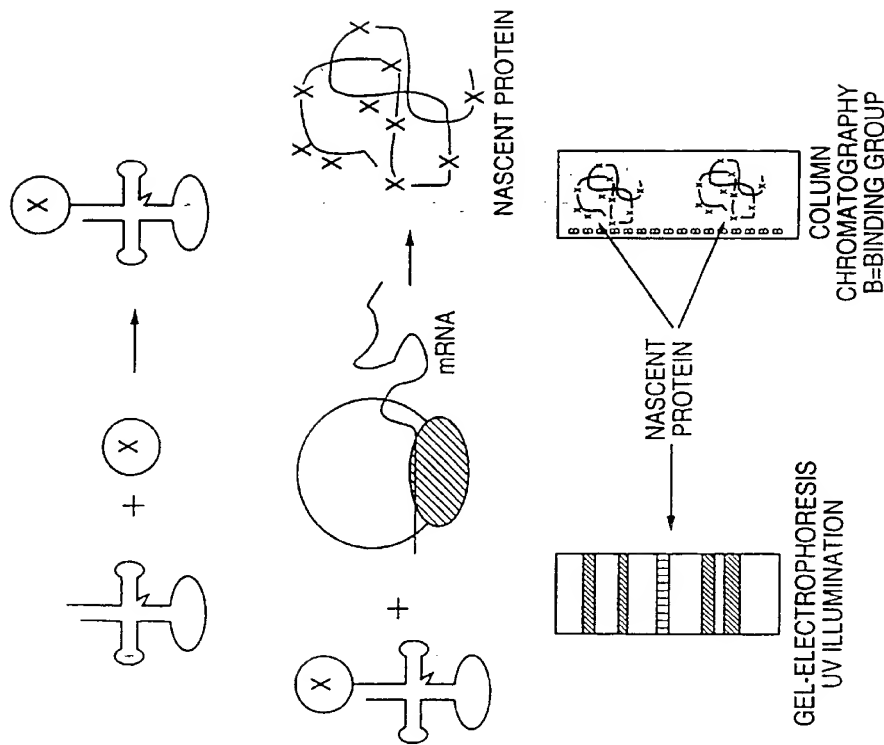
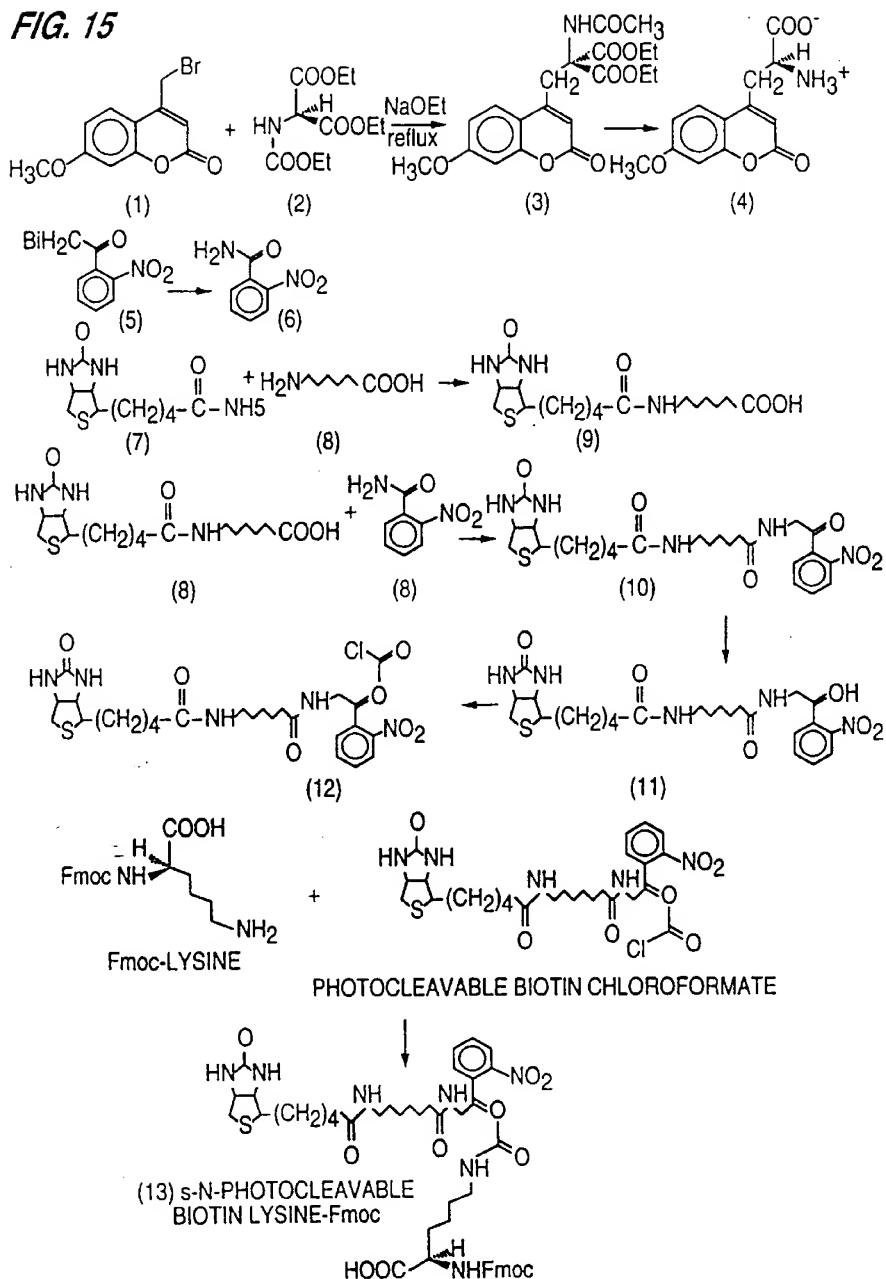
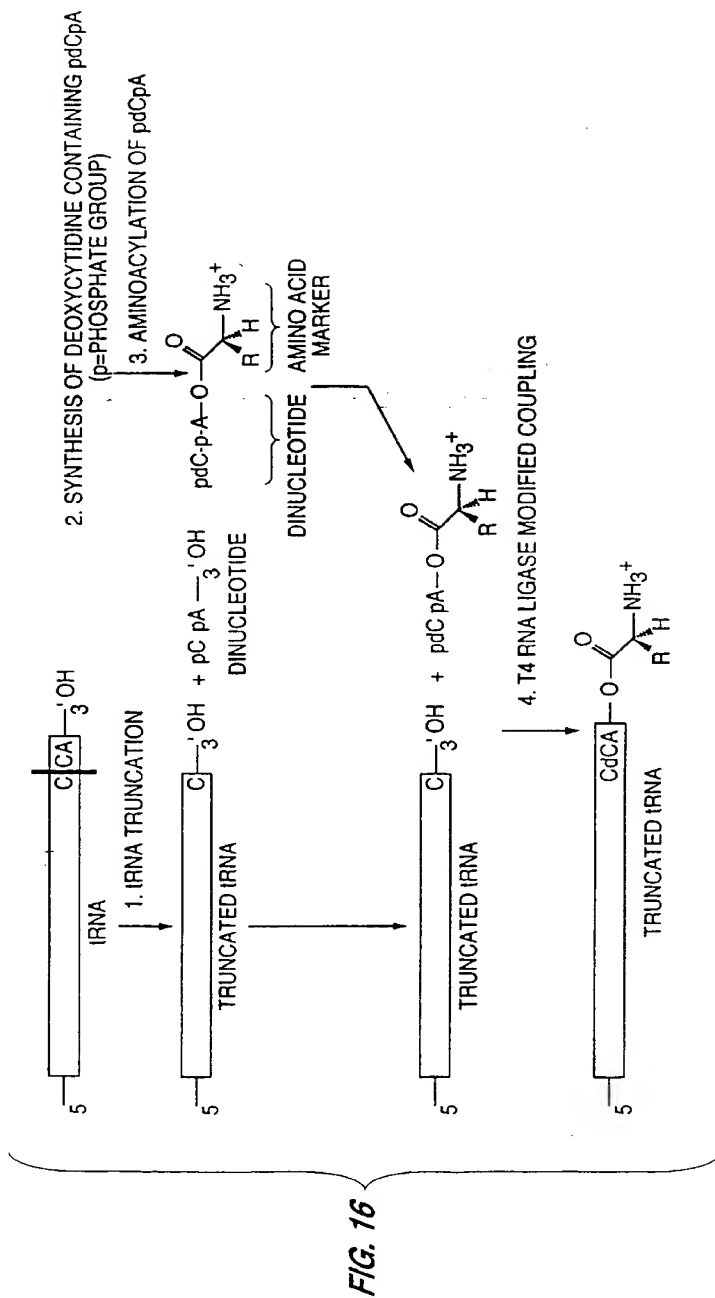


FIG. 15





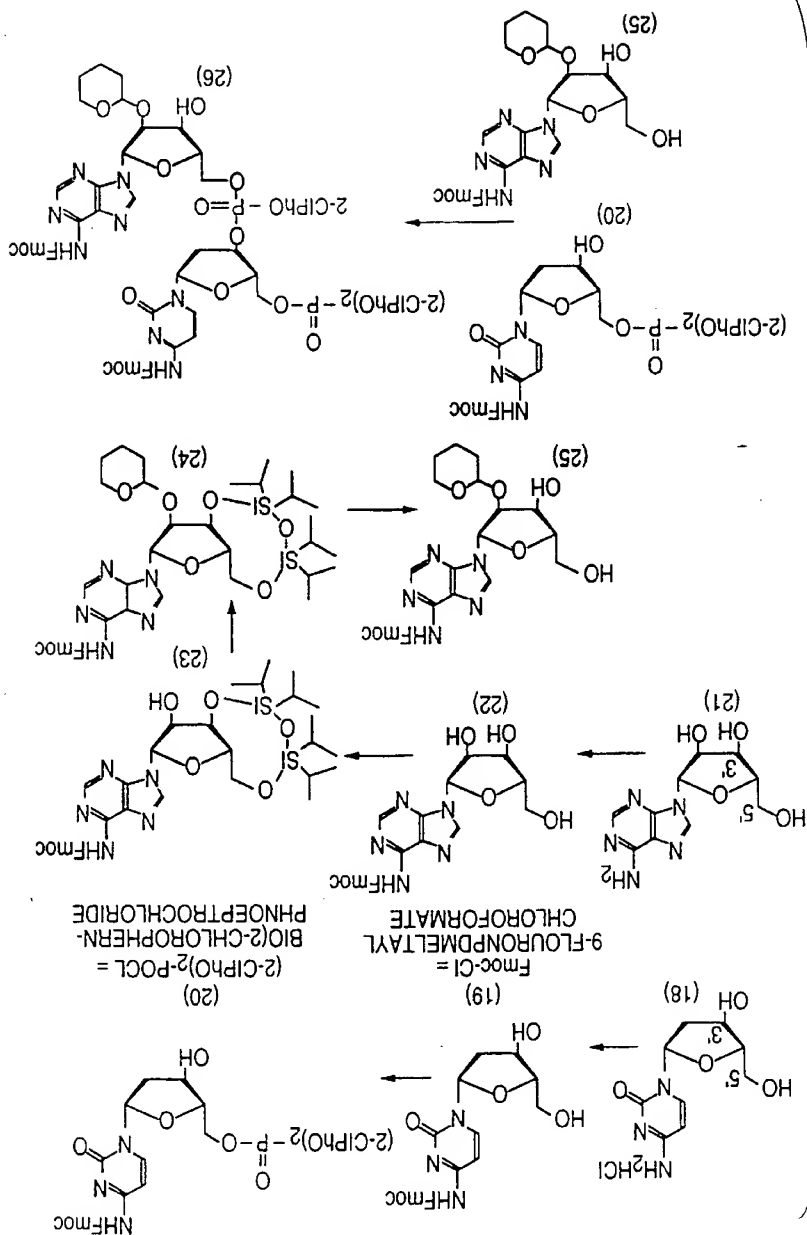
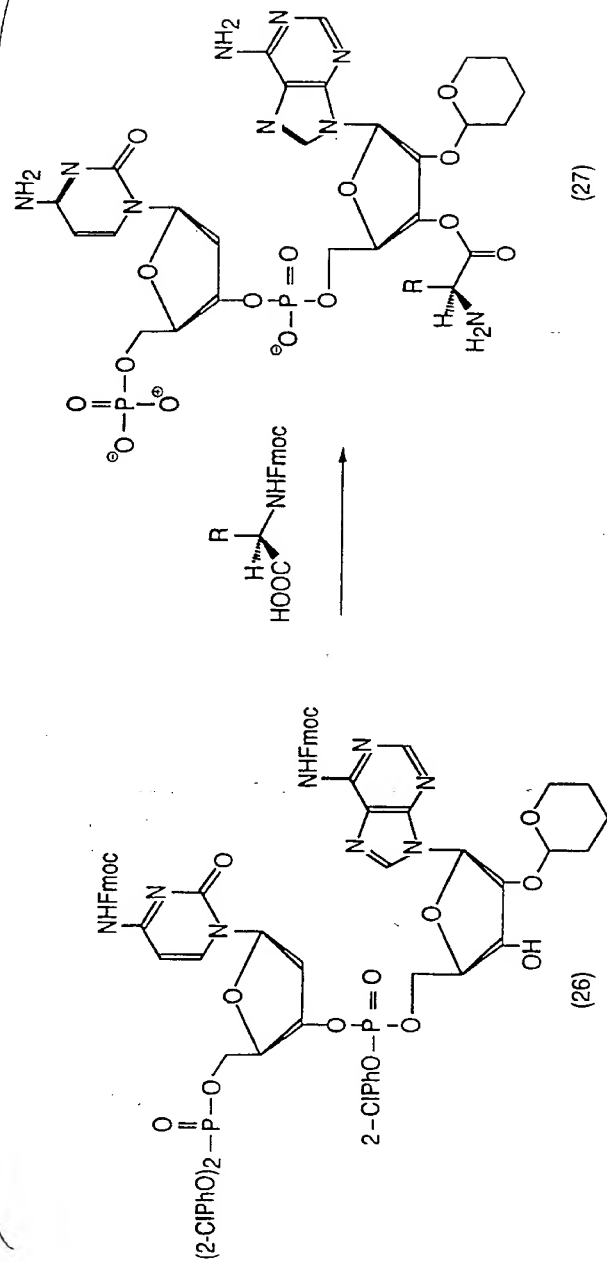


FIG. 17

FIG. 18



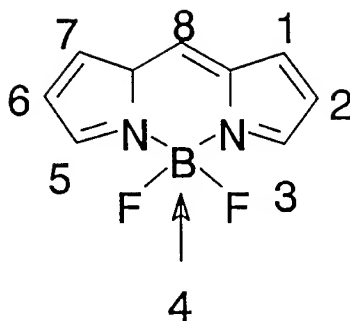
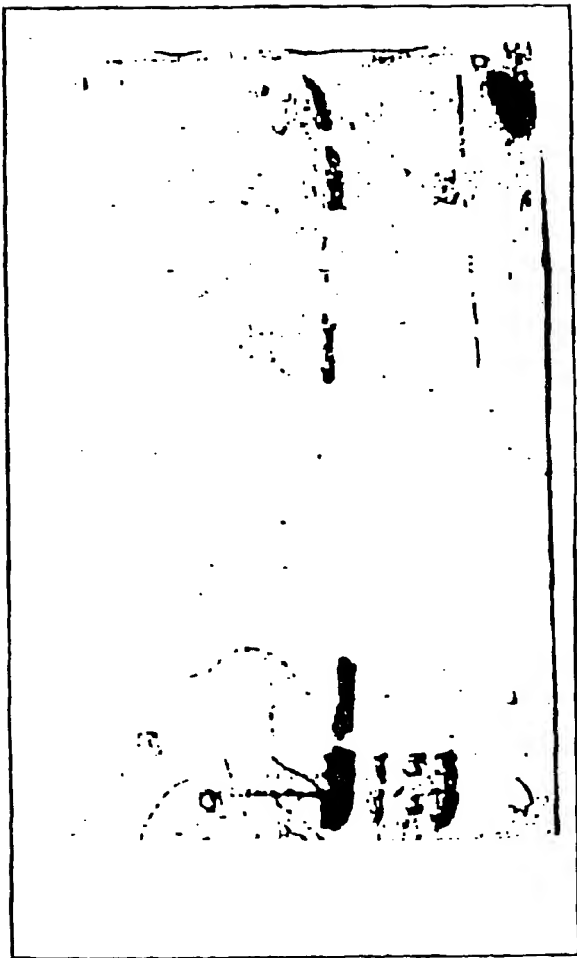


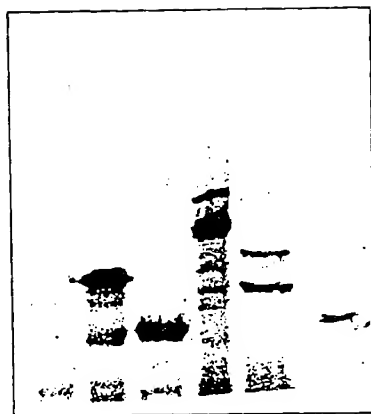
Figure 19

FOOED: 20FEF860



1 2 3 4 5 6 7 8 9 10

Figure 20



Lane 1 2 3 4 5 6

Figure 21A

FOOTED 20721660

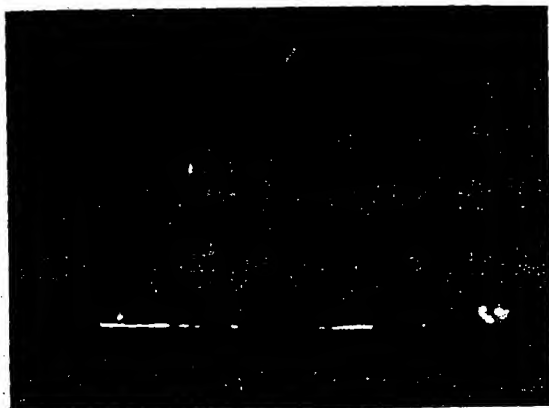


Figure 21B

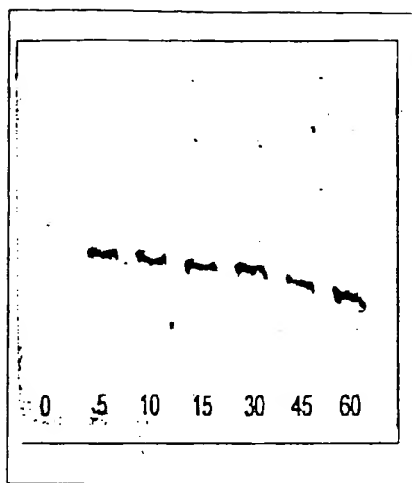


Figure 22A

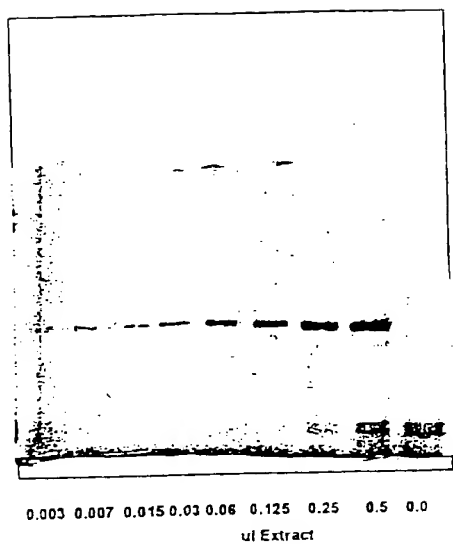


Figure 22B

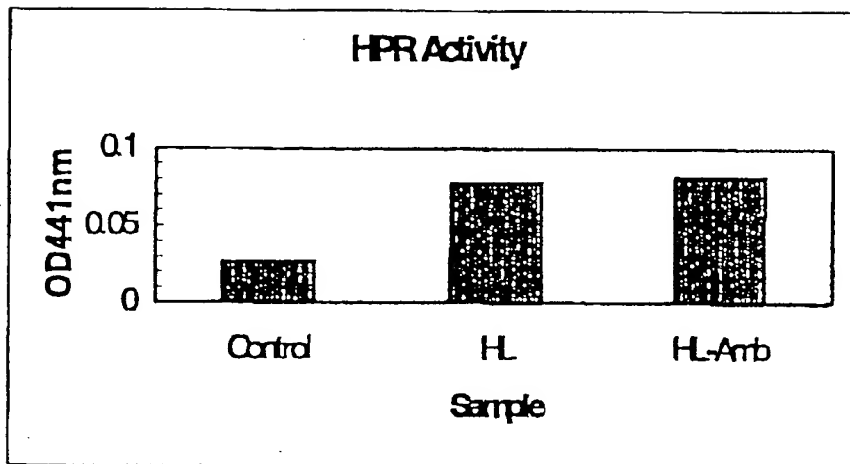


Figure 23A

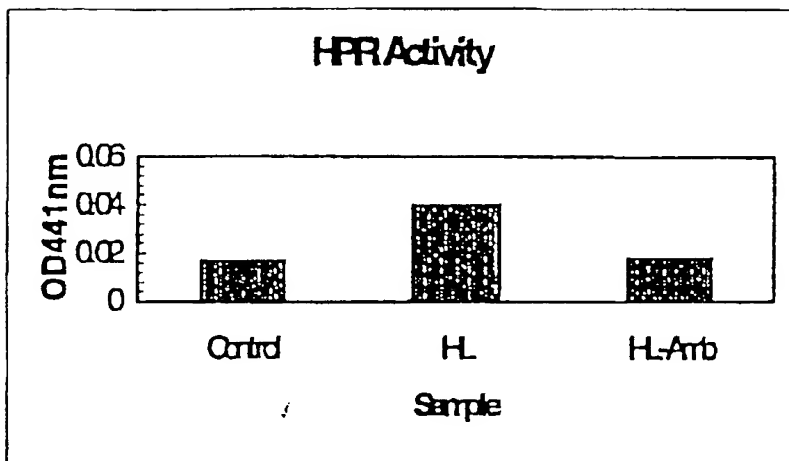


Figure 23B

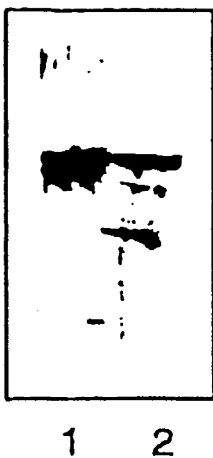


Figure 24

1 2

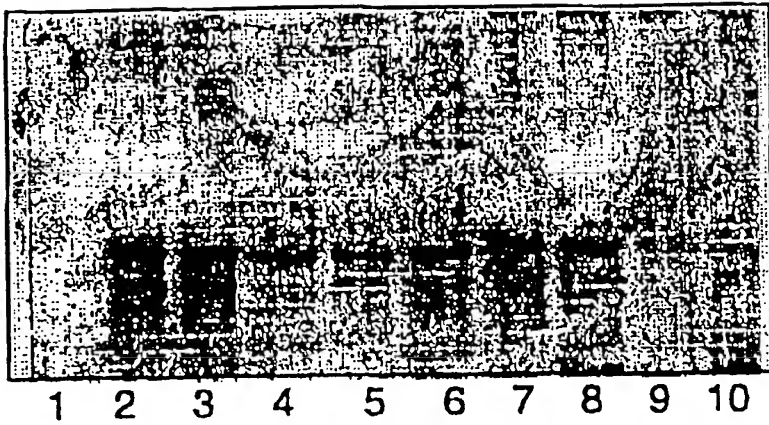


Figure 26A

FOUO - 20121001

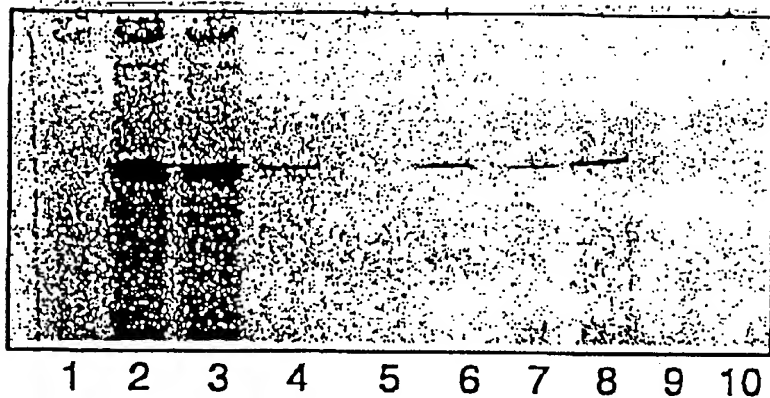


Figure 26B

FOU220 26721800

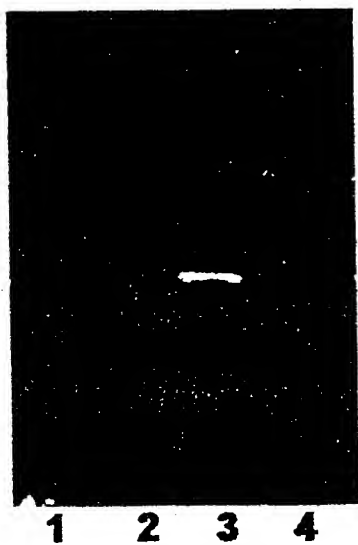


Figure 27

100200 20421000



Figure 28A

FOREF 1047600

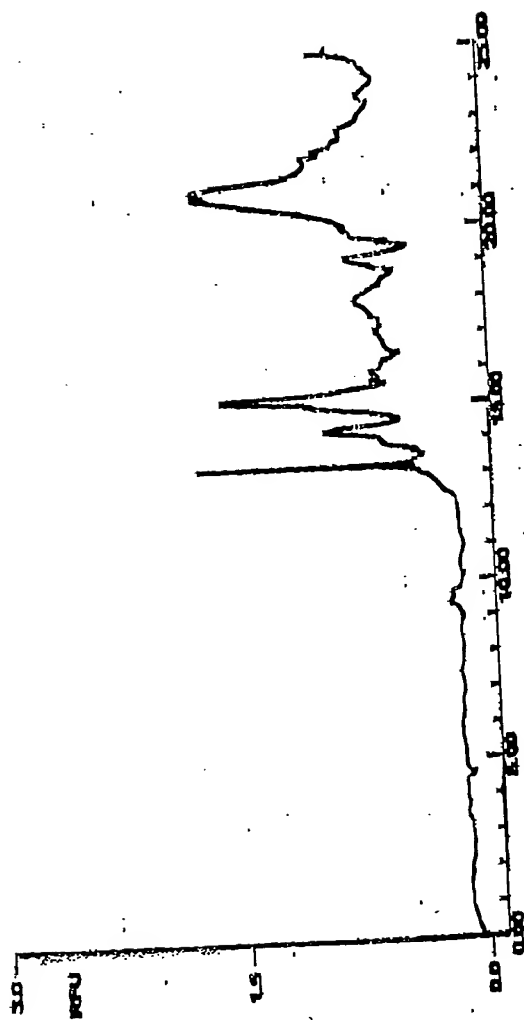


Figure 28B

FOUOED 20721000

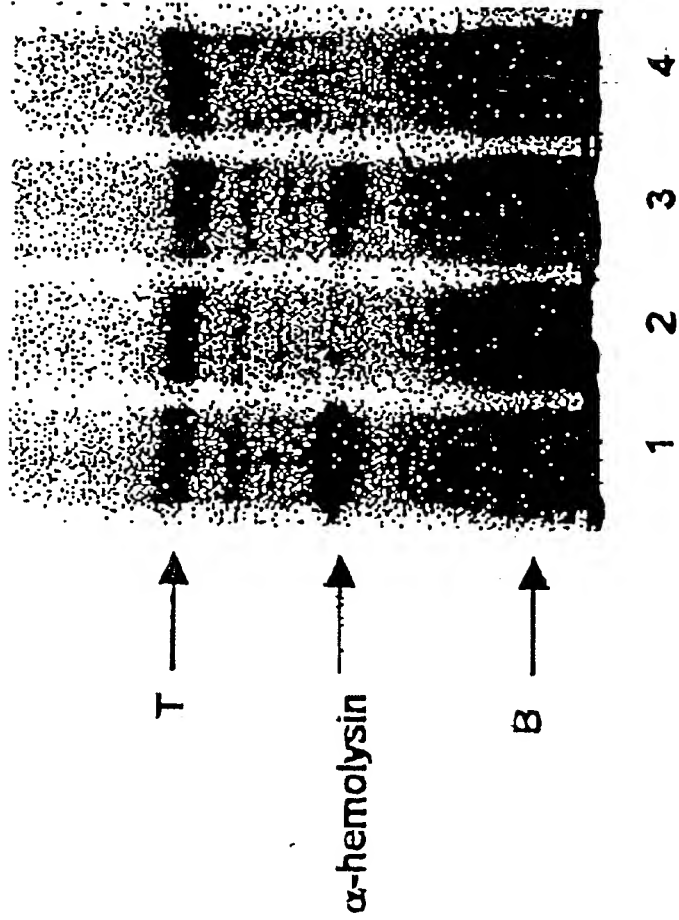


Figure 29